

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/N02004/000392

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61K49/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, EMBASE, CHEM ABS Data, BIOSIS

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2001/055566 A1 (LUIKEN, M.D. GEORGE A ET AL) 27 December 2001 (2001-12-27) claims 1,6-11 paragraphs '0053! - '0055! paragraphs '0015! - '0017!, '0033! tables 1,2	1-3,6-13
X	WO 00/61194 A (INSTITUT FUER DIAGNOSTIKFORSCHUNG GMBH AN DER FREIEN UNIVERSITAET BERL) 19 October 2000 (2000-10-19) page 1, paragraph 1-3 page 3, paragraph 1-3 page 3, line 26 page 14, lines 13-30 claims 1,27 page 92, line 11	1-3,6-13

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Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

## \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the International filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*G\* document member of the same patent family

Date of the actual completion of the international search

9 May 2005

Date of mailing of the international search report

23/05/2005

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 170 021 A (SHERING AKTIENGESELLSCHAFT) 9 January 2002 (2002-01-09) paragraphs '0026!', '0027! page 12, lines 6,9 paragraphs '0003! - '0006!; claim 1	1-3,6-13
X	WO 01/91805 A (BRACCO RESEARCH USA; VON WRONSKI, MATHEW, A; MARINELLI, EDMUND, R; NUN) 6 December 2001 (2001-12-06) page 3, line 29 - page 4, line 28 sentences 10-21 See page 97, "BRU-317"; page 103, "BRU-326"; page 114, "BRU-346", page 120, "BRU-239". claims 1,10,47-53	1-3,5-8
X	WO 98/47541 A (NYCOMED IMAGING AS; COCKBAIN, JULIAN, RODERICK, MICHAELSON; KLAVENESS,) 29 October 1998 (1998-10-29) See page 5, lines 1-4: vascular endothelial growth factors. page 70, paragraph 3 - page 86, paragraph 3 claims 1,4	1-3,6-8
X	MARCHI-ARTZNER, VALERIE ET AL: "Adhesion of Arg-Gly-Asp ( RGD ) Peptide Vesicles onto an Integrin Surface: Visualization of the Segregation of RGD Ligands into the Adhesion Plaques by Fluorescence" LANGMUIR , 19(3), 835-841 CODEN: LANGD5; ISSN: 0743-7463, February 2003 (2003-02), XP002326372 the whole document	1-3,6,7
X	EP 0 800 831 A (DAIICHI PURE CHEMICALS CO. LTD; DAIICHI PURE CHEMICALS CO., LTD) 15 October 1997 (1997-10-15) page 2, line 50 page 7, line 37 example 12 page 17, lines 27-49 claim 1	1,3
X	WO 00/71162 A (MALLINCKRODT INC) 30 November 2000 (2000-11-30) page 1, line 28 - page 2, line 2; claims; figures; examples	1-3,6-8
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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>ACHILEFU S ET AL: "NOVEL RECEPTOR-TARGETED FLUORESCENT CONTRAST AGENTS FOR IN VIVO TUMOR IMAGING" INVESTIGATIVE RADIOLOGY, PHILADELPHIA, PA, US, vol. 35, no. 8, 2000, pages 479-485, XP000978923 the whole document</p>	1-13
Y	<p>WEINER RONALD E ET AL: "Radiolabeled peptides in the diagnosis and therapy of oncological diseases." APPLIED RADIATION AND ISOTOPES : INCLUDING DATA, INSTRUMENTATION AND METHODS FOR USE IN AGRICULTURE, INDUSTRY AND MEDICINE. NOV 2002, vol. 57, no. 5, November 2002 (2002-11), pages 749-763, XP002326772 ISSN: 0969-8043 paragraph '02.3!</p>	1-13
Y	<p>DATABASE MEDLINE 'Online! US NATIONAL LIBRARY OF MEDICINE (NLM), BETHESDA, MD, US; June 2003 (2003-06), TIAN FENG ET AL: "'Overexpression of COX-2 and its clinical significance in non-small cell lung cancer!" XP002326773 Database accession no. NLM12895344 abstract &amp; ZHONGHUA WAI KE ZA ZHI 'CHINESE JOURNAL OF SURGERY!. JUN 2003, vol. 41, no. 6, June 2003 (2003-06), pages 407-410, ISSN: 0529-5815</p>	1-13
Y	<p>DATABASE MEDLINE 'Online! US NATIONAL LIBRARY OF MEDICINE (NLM), BETHESDA, MD, US; 20 July 2001 (2001-07-20), KAJITA T ET AL: "The expression of vascular endothelial growth factor C and its receptors in non-small cell lung cancer." XP002326774 Database accession no. NLM11461086 abstract &amp; BRITISH JOURNAL OF CANCER. 20 JUL 2001, vol. 85, no. 2, 20 July 2001 (2001-07-20), pages 255-260, ISSN: 0007-0920</p>	1-13

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
E	WO 2005/002293 A (VANDERBILT UNIVERSITY; MARNETT, LAWRENCE, J; TIMOFEEVSKI, SERGEI; PRUD) 6 January 2005 (2005-01-06) page 50, line 26 examples 4,19 claim 58 claim 1 See compounds 3, 18, 19, 24, 25.	1-4,6-13
E	WO 2005/030266 A (AMERSHAM HEALTH AS; KLAVENESS, JO; JOHANNESSEN, EDVIN; TOLLESHAUG, HELG) 7 April 2005 (2005-04-07) claims; examples	1-8
A	WO 01/89584 A (NYCOMED IMAGING AS; KLAVENESS, JO; TOLLESHAUG, HELGE; AMERSHAM HEALTH) 29 November 2001 (2001-11-29) page 21, paragraphs 2,3; claims; example 1 figure 2	4
E	WO 2005/019247 A (BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM; LI, CHUN; KE, SHI; W) 3 March 2005 (2005-03-03) page 3, lines 19-23 page 5, lines 25-30 page 7, lines 29,30 figures 3-6,8 examples 2-4 claims 1,8-13,25,60	1-3,6,7
E	WO 2005/003166 A (AMERSHAM HEALTH AS; CUTHBERTSON, ALAN; INDREVOLL, BAARD; SOLBAKKEN, MA) 13 January 2005 (2005-01-13) page 1, lines 1-10 page 2, line 25 page 5, lines 14-33 claims 1,12,13	1-7

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## Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:  
  
Although claims 10-13 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

### Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

# INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2001055566 A1	27-12-2001	US 6284223 B1 US 6299860 B1 CA 2443927 A1 EP 1377221 A1 JP 2004527299 T WO 02080778 A1 AU 764041 B2 AU 1308900 A CA 2347461 A1 EP 1121158 A2 NZ 511175 A WO 0021576 A2	04-09-2001 09-10-2001 17-10-2002 07-01-2004 09-09-2004 17-10-2002 07-08-2003 01-05-2000 20-04-2000 08-08-2001 26-09-2003 20-04-2000
WO 0061194 A	19-10-2000	DE 19917713 A1 AT 259246 T AU 769392 B2 AU 4291100 A BG 105988 A BR 0009658 A CA 2368490 A1 CN 1351505 A CZ 20013562 A3 DE 50005261 D1 DK 1176987 T3 EE 200100521 A WO 0061194 A2 EP 1176987 A2 EP 1281405 A2 ES 2215641 T3 HR 20010833 A2 HU 0202990 A2 JP 2002541219 T MX PA01010174 A NO 20014911 A NZ 514533 A NZ 522135 A NZ 522136 A PL 351766 A1 PT 1176987 T SK 14152001 A3 US 6630570 B1 ZA 200109238 A	19-10-2000 15-02-2004 22-01-2004 14-11-2000 28-06-2002 15-01-2002 19-10-2000 29-05-2002 15-05-2002 18-03-2004 14-06-2004 16-12-2002 19-10-2000 06-02-2002 05-02-2003 16-10-2004 31-08-2004 28-12-2002 03-12-2002 20-08-2003 06-12-2001 26-09-2003 28-05-2004 28-05-2004 16-06-2003 30-06-2004 04-04-2002 07-10-2003 10-02-2003
EP 1170021 A	09-01-2002	EP 1170021 A2	09-01-2002
WO 0191805 A	06-12-2001	AU 6669601 A CA 2410887 A1 EP 1289565 A2 JP 2004500854 T WO 0191805 A2 US 2002147136 A1	11-12-2001 06-12-2001 12-03-2003 15-01-2004 06-12-2001 10-10-2002
WO 9847541 A	29-10-1998	AT 270116 T AU 733477 B2 AU 4718297 A AU 733495 B2 AU 4786697 A AU 4786797 A	15-07-2004 17-05-2001 22-05-1998 17-05-2001 22-05-1998 22-05-1998

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/NO2004/000392

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 9847541	A		AU 4787097 A	22-05-1998
			AU 7068798 A	13-11-1998
			BG 103438 A	31-01-2000
			BG 103439 A	31-01-2000
			BR 9712683 A	19-10-1999
			BR 9713978 A	02-05-2000
			CA 2269985 A1	07-05-1998
			CA 2270120 A1	07-05-1998
			CN 1440816 A	10-09-2003
			CN 1238700 A	15-12-1999
			CN 1234742 A	10-11-1999
			CZ 9901494 A3	15-09-1999
			DE 69824842 D1	05-08-2004
			EP 1442751 A1	04-08-2004
			EP 1007101 A2	14-06-2000
			EP 0973552 A2	26-01-2000
			EP 0991427 A2	12-04-2000
			EP 0963209 A2	15-12-1999
			EP 0977600 A2	09-02-2000
			ES 2224379 T3	01-03-2005
			WO 9818500 A2	07-05-1998
			WO 9818501 A2	07-05-1998
			WO 9818495 A2	07-05-1998
			WO 9818498 A2	07-05-1998
			WO 9847541 A1	29-10-1998
			HU 0000357 A2	28-06-2000
			JP 2001511765 T	14-08-2001
			JP 2001503407 T	13-03-2001
			JP 2002515889 T	28-05-2002
			JP 2001502719 T	27-02-2001
			JP 2002511845 T	16-04-2002
			KR 2000052829 A	25-08-2000
			KR 2000052830 A	25-08-2000
			NO 991889 A	28-06-1999
			NO 991890 A	28-06-1999
			NZ 335596 A	27-10-2000
			NZ 335799 A	24-11-2000
			US 6610269 B1	26-08-2003
			US 2004009122 A1	15-01-2004
			US 2004141922 A1	22-07-2004
			US 2005002865 A1	06-01-2005
			US 2002102215 A1	01-08-2002
EP 0800831	A	15-10-1997	AT 264694 T	15-05-2004
			AU 4497096 A	21-08-1996
			DE 69632244 D1	27-05-2004
			DE 69632244 T2	14-04-2005
			EP 0800831 A1	15-10-1997
			NO 973484 A	30-09-1997
			US 5968479 A	19-10-1999
			CA 2211470 A1	08-08-1996
			CN 1180316 A ,C	29-04-1998
			JP 9127115 A	16-05-1997
			WO 9623525 A1	08-08-1996
WO 0071162	A	30-11-2000	US 6217848 B1	17-04-2001
			AU 4488800 A	12-12-2000
			CA 2373475 A1	30-11-2000

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/NO2004/000392

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0071162	A		EP 1178830 A2	13-02-2002
			JP 2003500367 T	07-01-2003
			WO 0071162 A2	30-11-2000
WO 2005002293	A	06-01-2005	US 2005002859 A1	06-01-2005
			WO 2005002293 A2	06-01-2005
WO 2005030266	A	07-04-2005	WO 2005030266 A2	07-04-2005
WO 0189584	A	29-11-2001	AU 7468301 A	03-12-2001
			EP 1283728 A2	19-02-2003
			JP 2003534297 T	18-11-2003
			WO 0189584 A2	29-11-2001
			US 2003170173 A1	11-09-2003
WO 2005019247	A	03-03-2005	US 2005069494 A1	31-03-2005
			WO 2005019247 A2	03-03-2005
WO 2005003166	A	13-01-2005	WO 2005003166 A1	13-01-2005